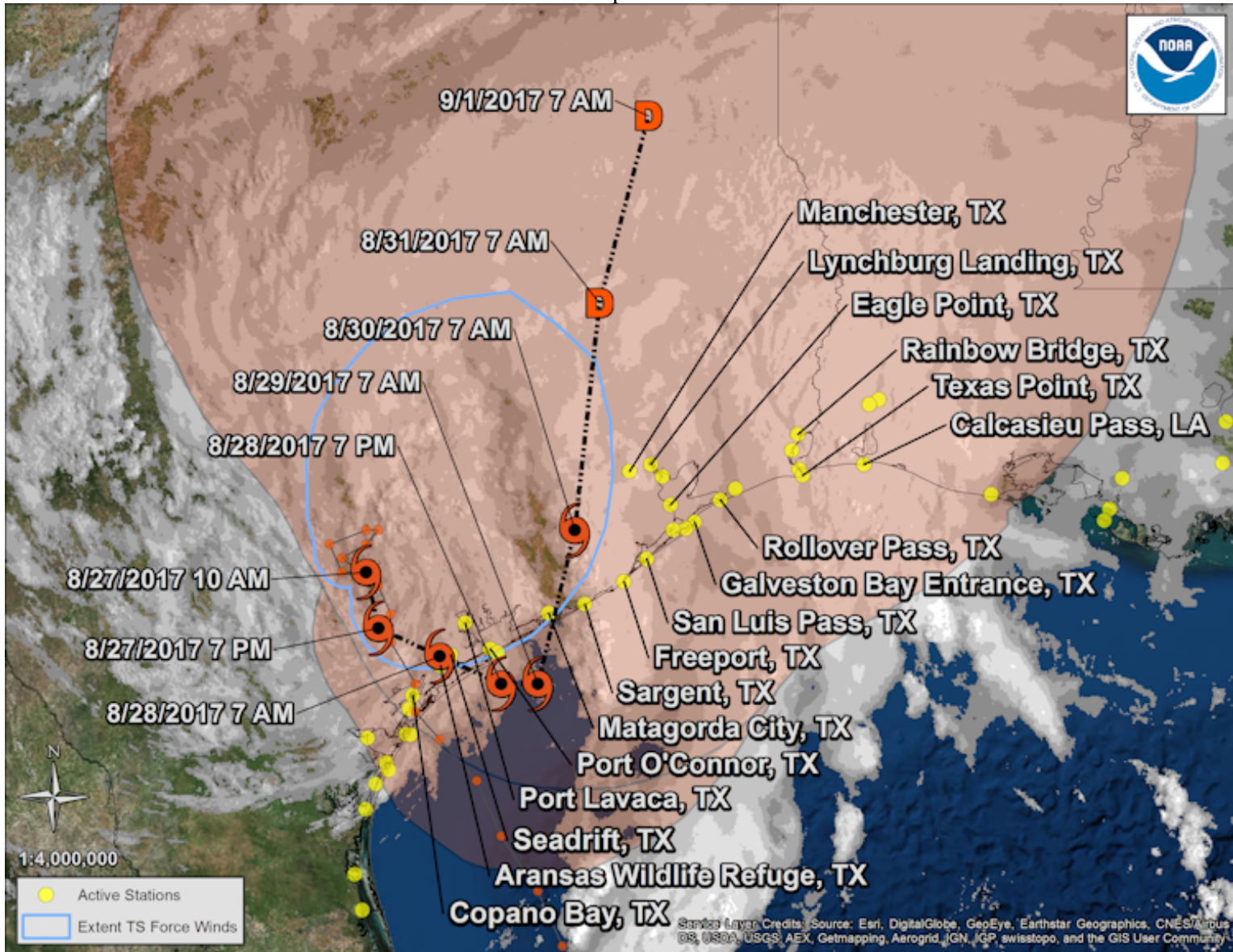




Tropical Storm HARVEY QuickLook Posted: 11:00 CDT 08/27/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 8/27/2017 1100 CDT, water levels from central Texas to western Louisiana remain elevated by 1 to over 9 feet. The highest water levels are being observed within northern Galveston Bay, ranging from 3.5 to 9.2 feet above normal tide levels. Water levels within Sabine Lake and Neches River are rising and range from 1.5 to 2.5 ft above normal tide levels. Water levels have begun to or are continuing to fall at locations south and west of San Luis Pass, TX.

Winds continue to weaken as Harvey is situated further inland at this time. Wind speeds at most stations remain 10 to 20 knots with gusts between 15 and 30 kts. Barometric pressure has returned to normal along the coast as Harvey weakens and remains inland.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Tropical Storm Harvey Advisory Number 29
NWS National Hurricane Center Miami FL AL092017
1000 AM CDT Sun Aug 27 2017

...FLASH FLOOD EMERGENCIES IN PARTS OF SOUTHEASTERN TEXAS INCLUDING GREATER HOUSTON...

...DO NOT ATTEMPT TO TRAVEL IN THE AFFECTED AREA IF YOU ARE IN A SAFE PLACE...

...DO NOT DRIVE INTO FLOODED ROADWAYS...

SUMMARY OF 1000 AM CDT...1500 UTC...INFORMATION

LOCATION...29.0N 97.4W

ABOUT 35 MI...55 KM WNW OF VICTORIA TEXAS

ABOUT 70 MI...115 KM ESE OF SAN ANTONIO TEXAS

MAXIMUM SUSTAINED WINDS...40 MPH...65 KM/H

PRESENT MOVEMENT...SSE OR 160 DEGREES AT 2 MPH...4 KM/H

MINIMUM CENTRAL PRESSURE...1000 MB...29.53 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Storm Surge Warning for the coast of Texas has been discontinued.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

* Port O'Connor to Sargent Texas

Catastrophic and life-threatening flooding is occurring in southeastern Texas, and flash flood emergencies are in effect for portions of this area. Please see warnings and other products issued by your local National Weather Service office for additional information on this life-threatening situation.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 1000 AM CDT (1500 UTC), the center of Tropical Storm Harvey was located near latitude 29.0 North, longitude 97.4 West. Harvey is moving toward the south-southeast near 2 mph (4 km/h), and a slow southeastward to east-southeastward motion is expected over the next couple of days. On the forecast track, the center will move very near the coast of southeastern Texas.

Maximum sustained winds are near 40 mph (65 km/h) with higher gusts. Little change in strength is forecast during the next 48 hours.

Tropical-storm-force winds extend outward up to 175 miles (280 km) primarily over water to the east and northeast of the center.

The estimated minimum central pressure is 1000 mb (29.53 inches).

HAZARDS AFFECTING LAND

RAINFALL: Harvey is expected to produce additional rainfall accumulations of 15 to 25 inches through Friday over the middle and upper Texas coast, including the Houston/Galveston metropolitan area. Isolated storm totals may reach 50 inches in this region. These rains are currently producing catastrophic and life-threatening flooding, and flash flood emergencies are in effect for portions of southeastern Texas. **DO NOT ATTEMPT TO TRAVEL IN THE AFFECTED AREA IF YOU ARE IN A SAFE PLACE. DO NOT DRIVE INTO FLOODED ROADWAYS.** Please see warnings and other products issued by your local National Weather Service office for additional information on this dire and life-threatening situation.

Elsewhere, Harvey is expected to produce total rain accumulations of 5 to 15 inches farther south toward the lower Texas coast, farther west toward the Texas Hill Country, and farther east through southwest and central Louisiana.

A list of rainfall observations compiled by the NOAA Weather Prediction Center can be found at:
www.wpc.ncep.noaa.gov/discussions/nfdsccl.html

STORM SURGE: The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water is expected to reach the following heights above ground if the peak surge occurs at the time of high tide...

Port Aransas to High Island including Galveston Bay...1 to 3 ft
High Island to Morgan City...1 to 2 ft

The deepest water will occur along the immediate coast near the area of onshore winds, where the surge will be accompanied by large and destructive waves. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

WIND: Tropical storm conditions are occurring in an area near the center and over portions of the tropical storm warning area along the coast. Tropical storm conditions are likely to persist in areas of onshore flow within the warning area during the next day or so.

SURF: Swells generated by Harvey are affecting the coasts of Texas and Louisiana. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

TORNADOES: A few tornadoes are possible today and tonight near the middle and upper Texas coast into southwest Louisiana.

NEXT ADVISORY

Next intermediate advisory at 100 PM CDT.

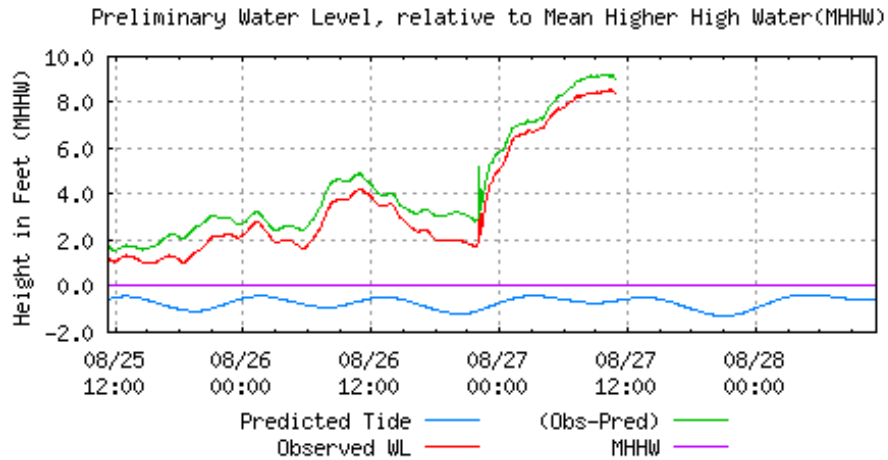
Next complete advisory at 400 PM CDT.

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Manchester - Water Level](#), [Manchester - Winds](#), [Lynchburg Landing - Water Level](#), [Lynchburg Landing - Winds](#), [Rollover Pass - Water Level](#), [Rollover Pass - Winds](#), [Eagle Point - Water Level](#), [Eagle Point - Winds](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [Texas Point, Sabine Pass - Water Level](#), [Texas Point, Sabine Pass - Winds](#), [Rainbow Bridge - Water Level](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [San Luis Pass - Water Level](#), [San Luis Pass - Winds](#), [Freeport - Water Level](#), [Freeport - Winds](#), [Sargent - Water Level](#), [Sargent - Winds](#), [Matagorda City - Water Level](#), [Matagorda City - Winds](#), [Port O'Connor - Water Level](#), [Port O'Connor - Winds](#), [Port Lavaca - Water Level](#), [Port Lavaca - Winds](#), [Seadrift - Water Level](#), [Seadrift - Winds](#), [Aransas Wildlife Refuge - Water Level](#), [Aransas Wildlife Refuge - Winds](#), [Copano Bay - Water Level](#), [Copano Bay - Winds](#)

NOAA/NOS/CO-OPS 8770777 Manchester, TX



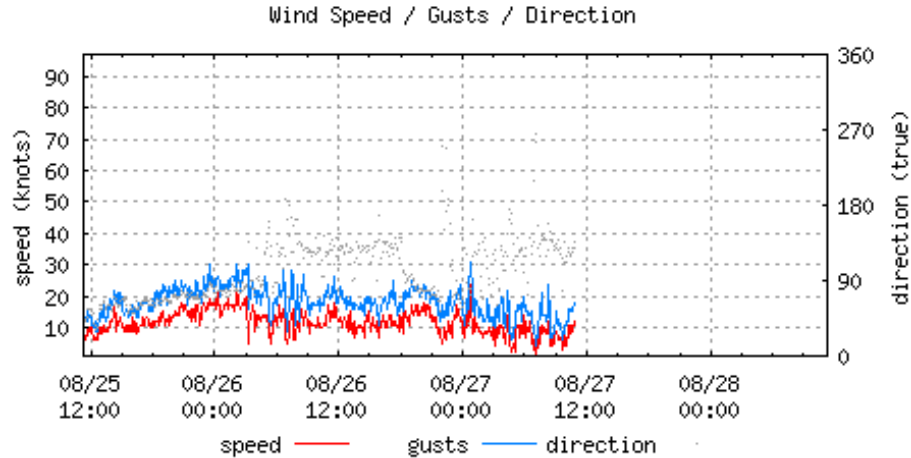
Last Observed Sample: 08/27/2017 11:18 (CDT). Data relative to MHHW

Observed: 8.34 ft. Predicted: -0.59 ft. Residual: 8.93 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/27/2017 13:30 (CDT), -0.49 ft.

NOAA/NOS/CO-OPS 8770777 Manchester, TX

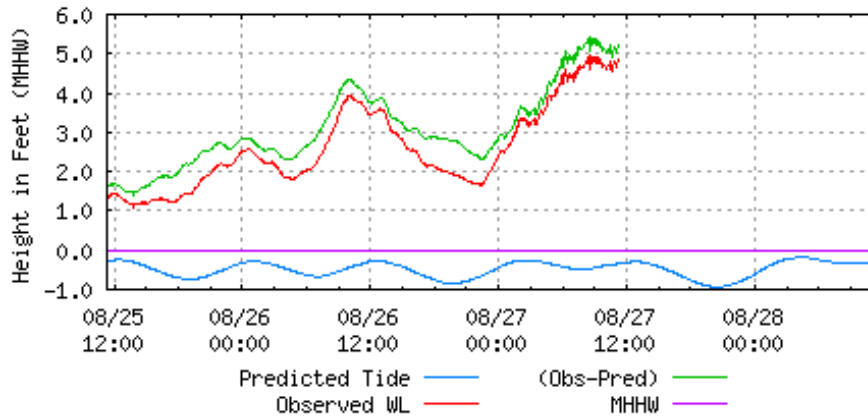


Last Observed Sample: 08/27/2017 11:18 (CDT)

Wind Speed: 10 knots Gusts: 13 knots Direction: 131° T

NOAA/NOS/CO-OPS 8770733 Lynchburg Landing, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/27/2017 11:18 (CDT). Data relative to MHHW

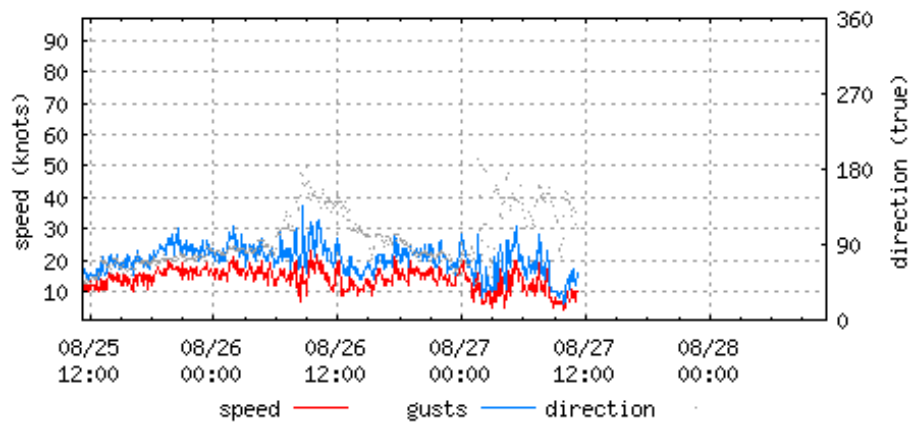
Observed: 4.65 ft. Predicted: -0.34 ft. Residual: 4.99 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/27/2017 12:52 (CDT), -0.29 ft.

NOAA/NOS/CO-OPS 8770733 Lynchburg Landing, TX

Wind Speed / Gusts / Direction

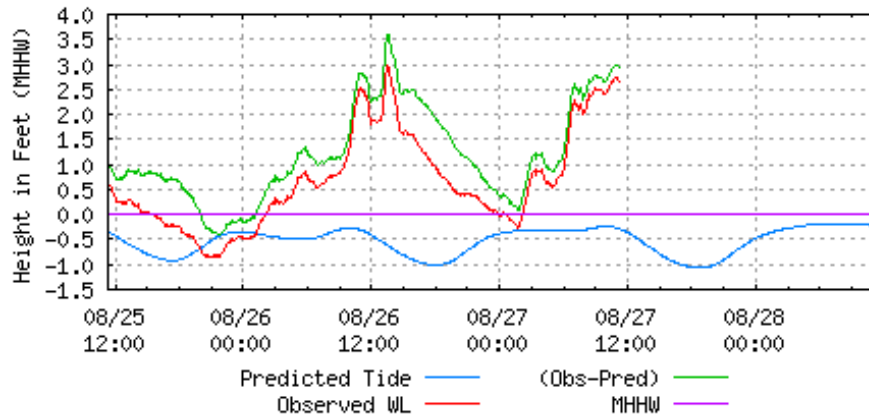


Last Observed Sample: 08/27/2017 11:18 (CDT)

Wind Speed: 11 knots Gusts: 15 knots Direction: 107° T

NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/27/2017 11:18 (CDT). Data relative to MHHW

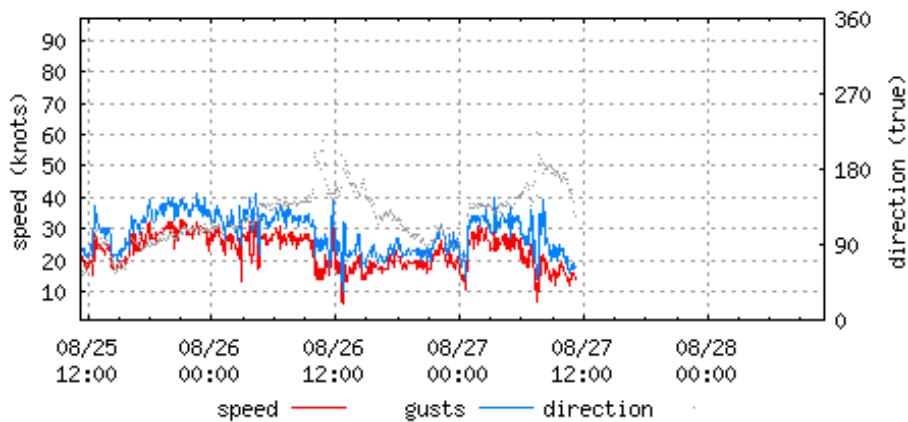
Observed: 2.59 ft. Predicted: -0.30 ft. Residual: 2.89 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 06:18 (CDT), -0.19 ft.

NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX

Wind Speed / Gusts / Direction

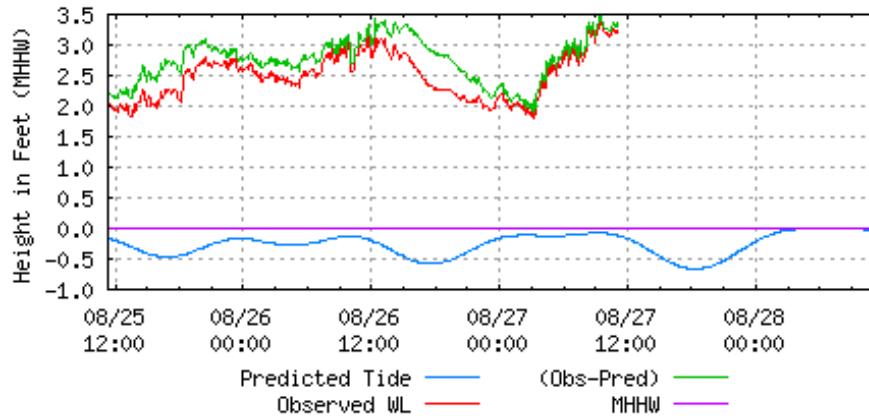


Last Observed Sample: 08/27/2017 11:18 (CDT)

Wind Speed: 15 knots Gusts: 17 knots Direction: 129° T

NOAA/NOS/CO-OPS 8771013 Eagle Point, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/27/2017 11:12 (CDT). Data relative to MHHW

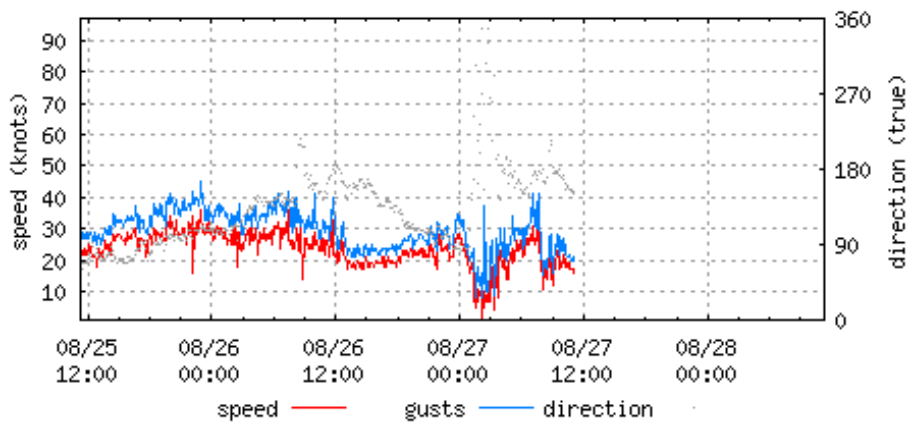
Observed: 3.21 ft. Predicted: -0.12 ft. Residual: 3.33 ft.

Historical Maximum Water Level: Sep 13 2008, 10.76 ft.

Next High Tide: 08/28/2017 07:33 (CDT), 0.01 ft.

NOAA/NOS/CO-OPS 8771013 Eagle Point, TX

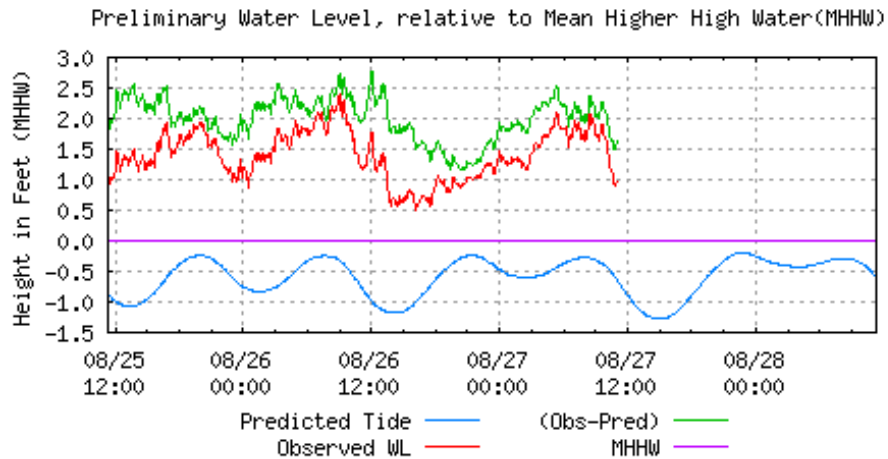
Wind Speed / Gusts / Direction



Last Observed Sample: 08/27/2017 11:12 (CDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 151° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



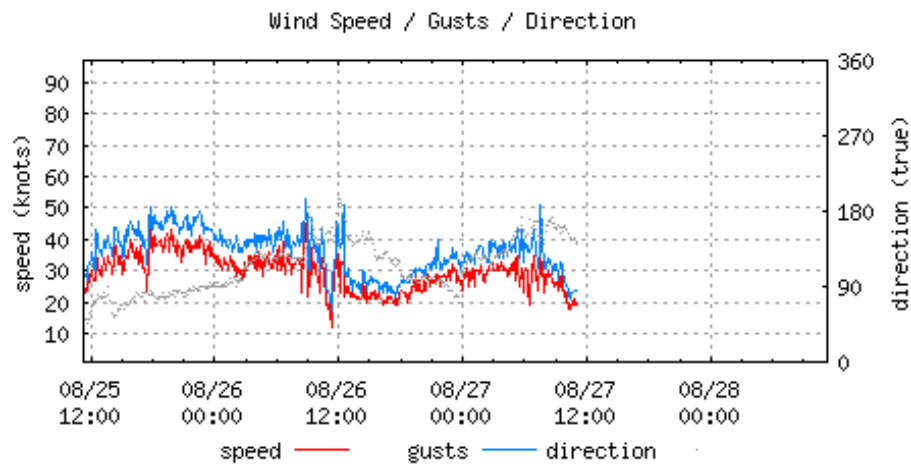
Last Observed Sample: 08/27/2017 11:12 (CDT). Data relative to MHHW

Observed: 1.01 ft. Predicted: -0.69 ft. Residual: 1.70 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

Next High Tide: 08/27/2017 22:44 (CDT), -0.20 ft.

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX

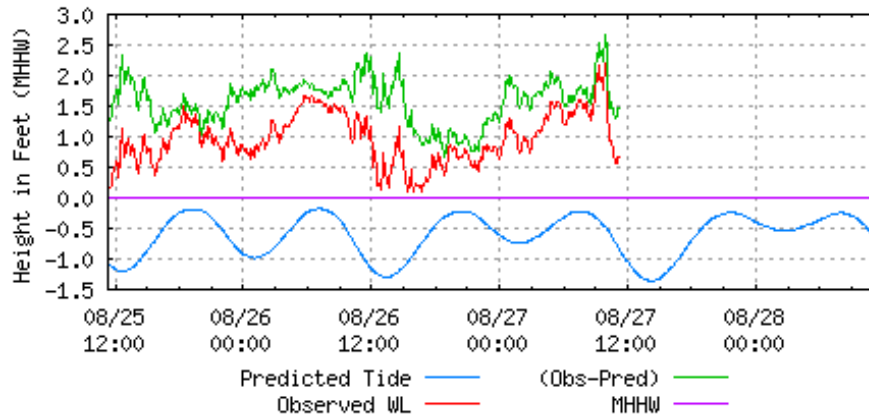


Last Observed Sample: 08/27/2017 11:12 (CDT)

Wind Speed: 19 knots Gusts: 22 knots Direction: 141° T

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/27/2017 11:18 (CDT). Data relative to MHHW

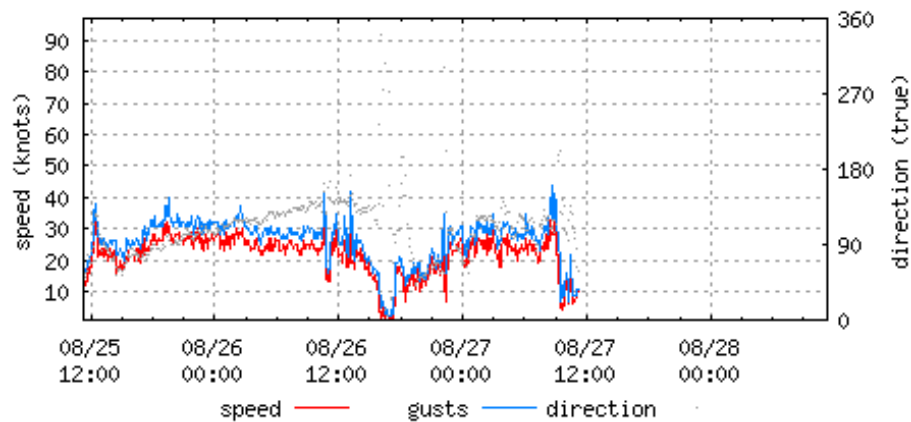
Observed: 0.59 ft. Predicted: -0.86 ft. Residual: 1.45 ft.

Historical Maximum Water Level: Mar 20 2012, 1.91 ft.

Next High Tide: 08/27/2017 21:41 (CDT), -0.25 ft.

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

Wind Speed / Gusts / Direction

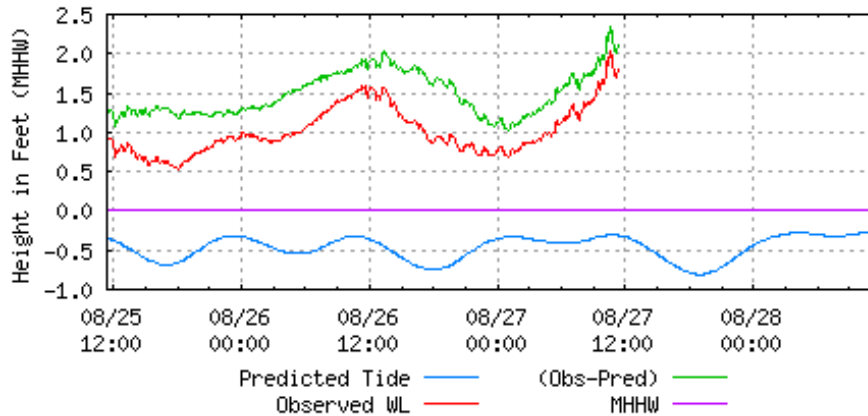


Last Observed Sample: 08/27/2017 11:18 (CDT)

Wind Speed: 10 knots Gusts: 12 knots Direction: 55° T

NOAA/NOS/CO-OPS 8770520 Rainbow Bridge, TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/27/2017 11:18 (CDT). Data relative to MHHW

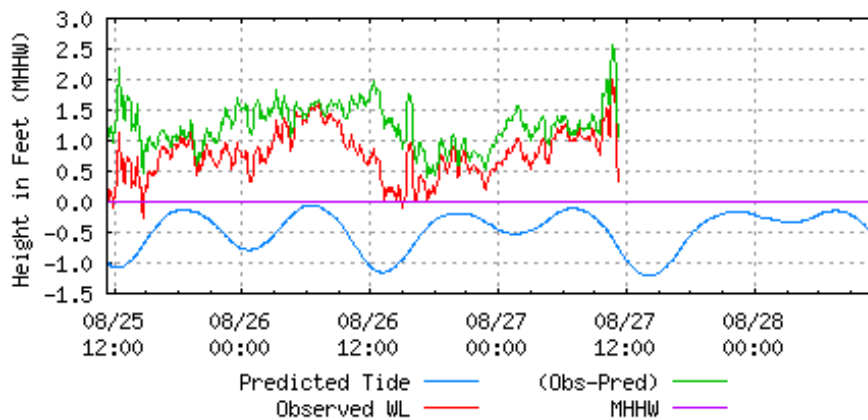
Observed: 1.80 ft. Predicted: -0.31 ft. Residual: 2.11 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 04:14 (CDT), -0.29 ft.

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



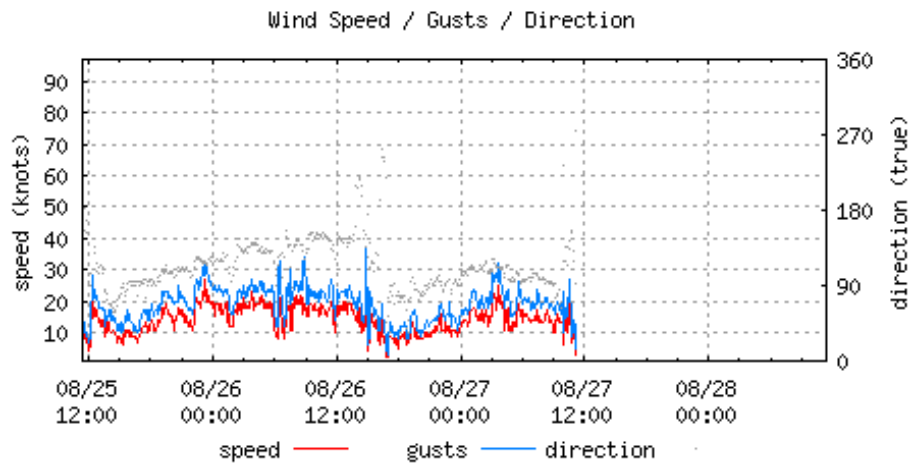
Last Observed Sample: 08/27/2017 11:18 (CDT). Data relative to MHHW

Observed: 0.14 ft. Predicted: -0.77 ft. Residual: 0.91 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 08/27/2017 22:20 (CDT), -0.16 ft.

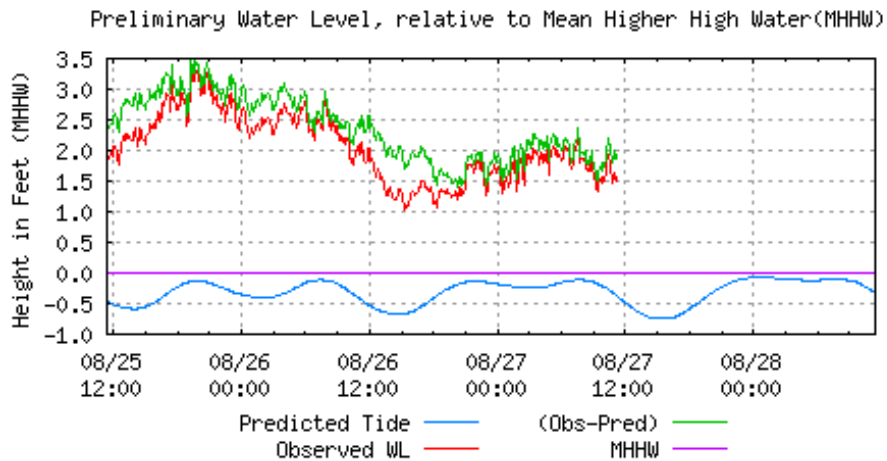
NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



Last Observed Sample: 08/27/2017 11:18 (CDT)

Wind Speed: 3 knots Gusts: 8 knots Direction: 245° T

NOAA/NOS/CO-OPS 8771972 San Luis Pass, TX



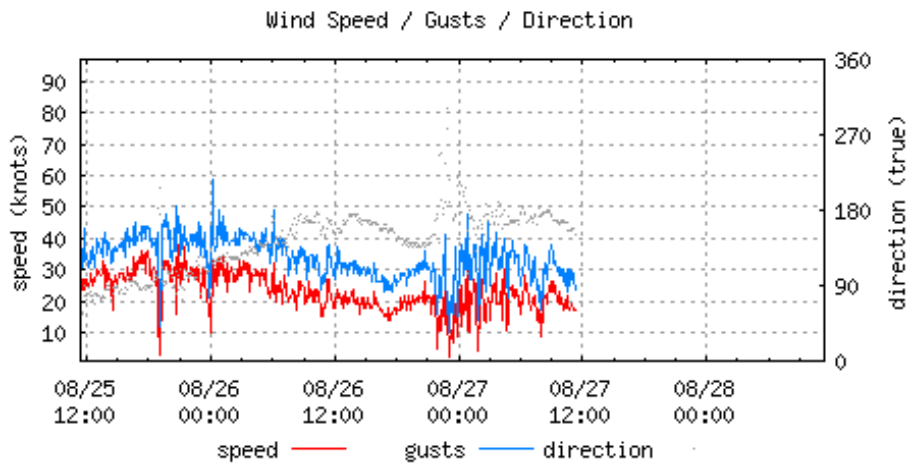
Last Observed Sample: 08/27/2017 11:24 (CDT). Data relative to MHHW

Observed: 1.51 ft. Predicted: -0.37 ft. Residual: 1.88 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 00:19 (CDT), -0.08 ft.

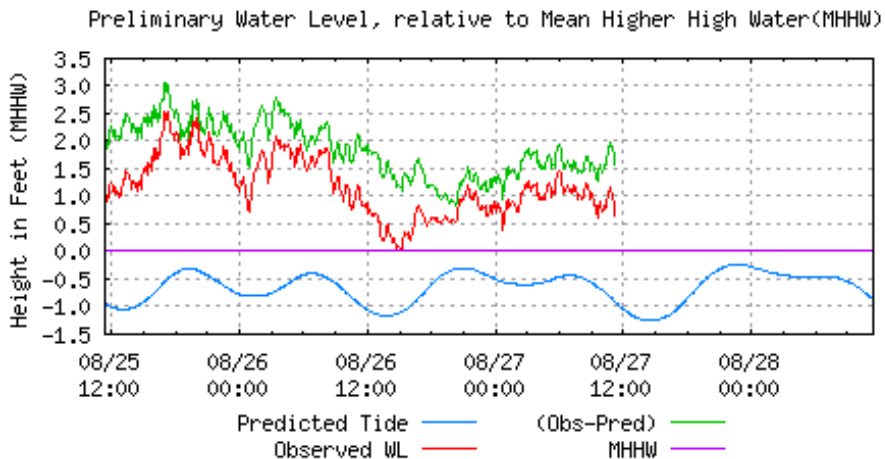
NOAA/NOS/CO-OPS 8771972 San Luis Pass, TX



Last Observed Sample: 08/27/2017 11:24 (CDT)

Wind Speed: 19 knots Gusts: 25 knots Direction: 150° T

NOAA/NOS/CO-OPS 8772447 Freeport, TX



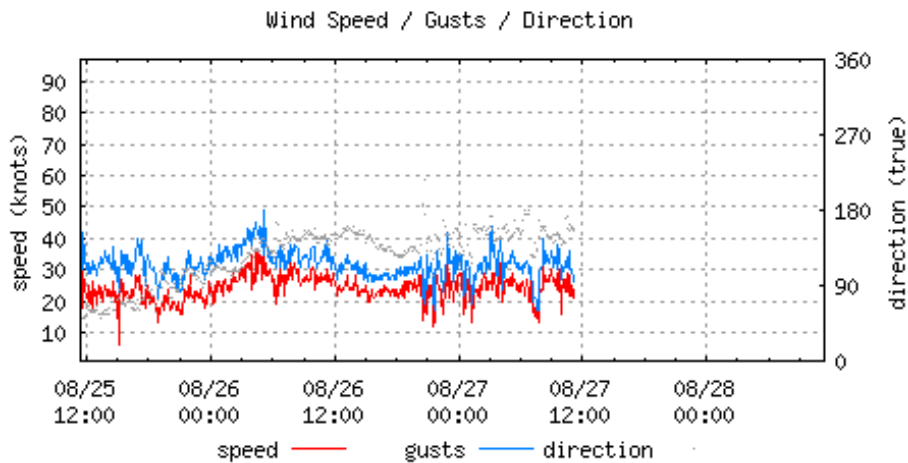
Last Observed Sample: 08/27/2017 11:18 (CDT). Data relative to MHHW

Observed: 0.58 ft. Predicted: -0.93 ft. Residual: 1.51 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

Next High Tide: 08/27/2017 22:38 (CDT), -0.23 ft.

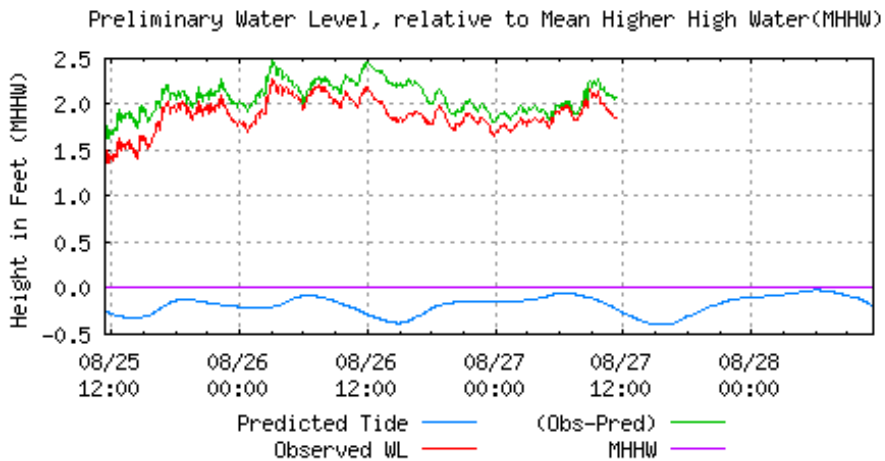
NOAA/NOS/CO-OPS 8772447 Freeport, TX



Last Observed Sample: 08/27/2017 11:18 (CDT)

Wind Speed: 24 knots Gusts: 30 knots Direction: 159° T

NOAA/NOS/CO-OPS 8772985 Sargent, TX



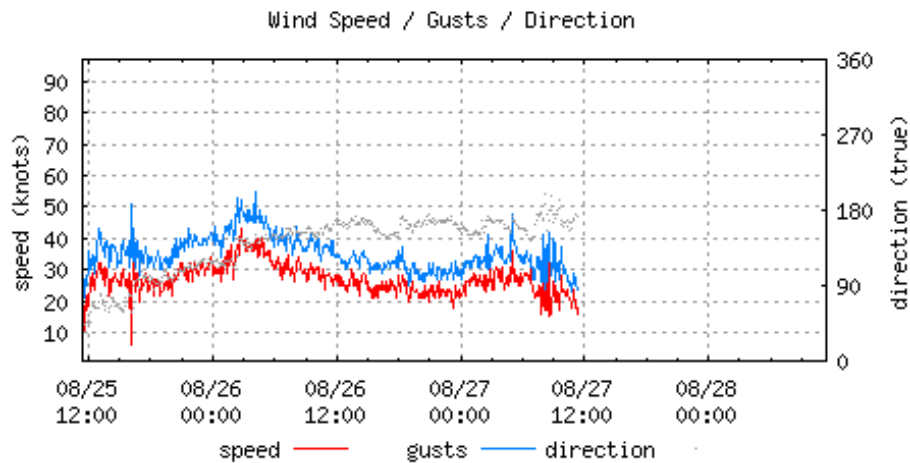
Last Observed Sample: 08/27/2017 11:18 (CDT). Data relative to MHHW

Observed: 1.85 ft. Predicted: -0.23 ft. Residual: 2.08 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 06:04 (CDT), -0.02 ft.

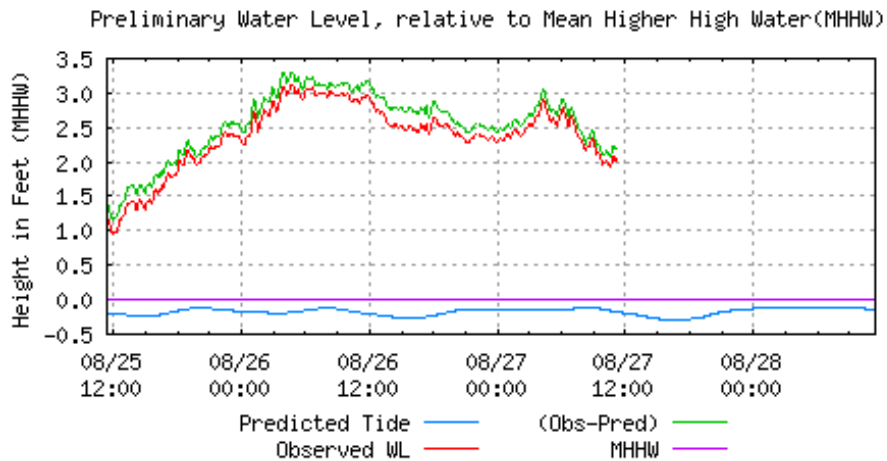
NOAA/NOS/CO-OPS 8772985 Sargent, TX



Last Observed Sample: 08/27/2017 11:18 (CDT)

Wind Speed: 16 knots Gusts: 24 knots Direction: 173° T

NOAA/NOS/CO-OPS 8773146 Matagorda City, TX



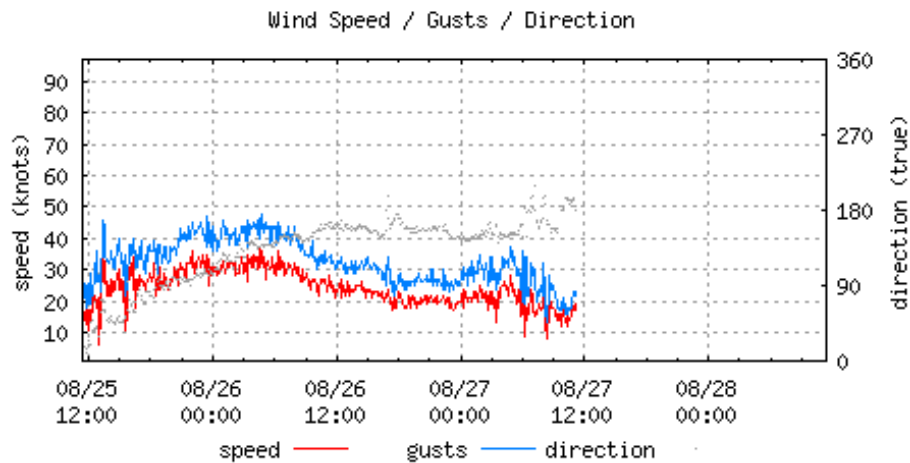
Last Observed Sample: 08/27/2017 11:12 (CDT). Data relative to MHHW

Observed: 2.04 ft. Predicted: -0.17 ft. Residual: 2.21 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 04:56 (CDT), -0.11 ft.

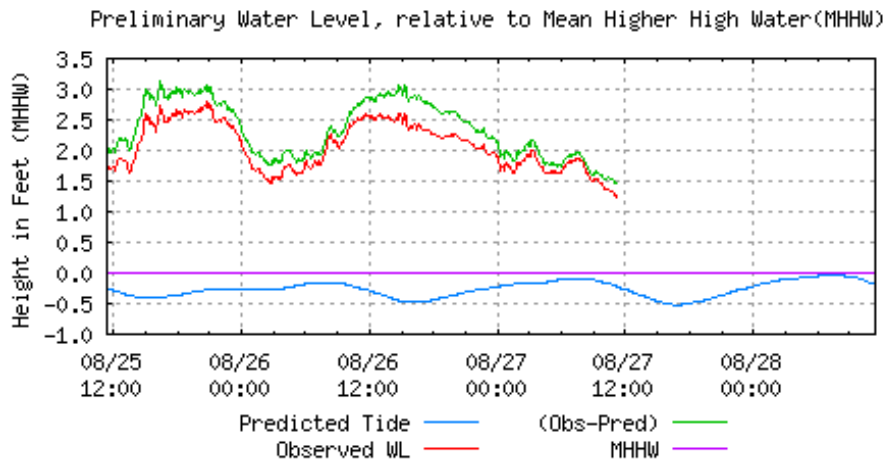
NOAA/NOS/CO-OPS 8773146 Matagorda City, TX



Last Observed Sample: 08/27/2017 11:12 (CDT)

Wind Speed: 17 knots Gusts: 23 knots Direction: 180° T

NOAA/NOS/CO-OPS 8773701 Port O'Connor, TX



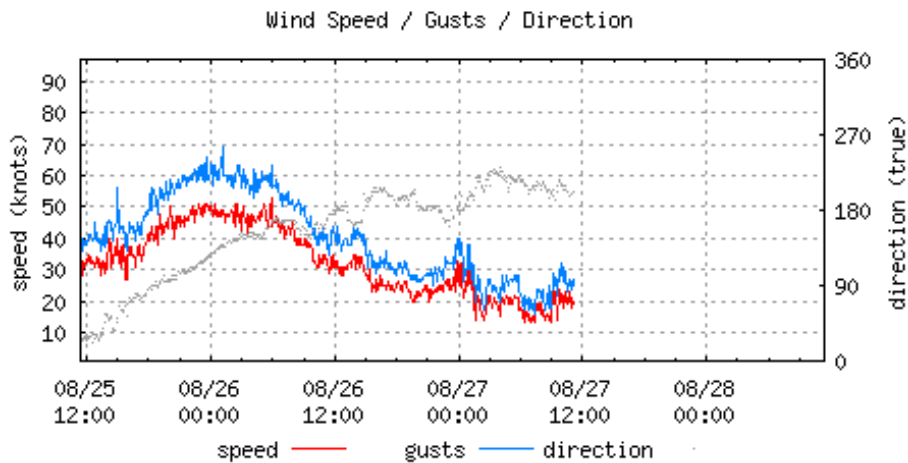
Last Observed Sample: 08/27/2017 11:12 (CDT). Data relative to MHHW

Observed: 1.25 ft. Predicted: -0.22 ft. Residual: 1.47 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 07:18 (CDT), -0.03 ft.

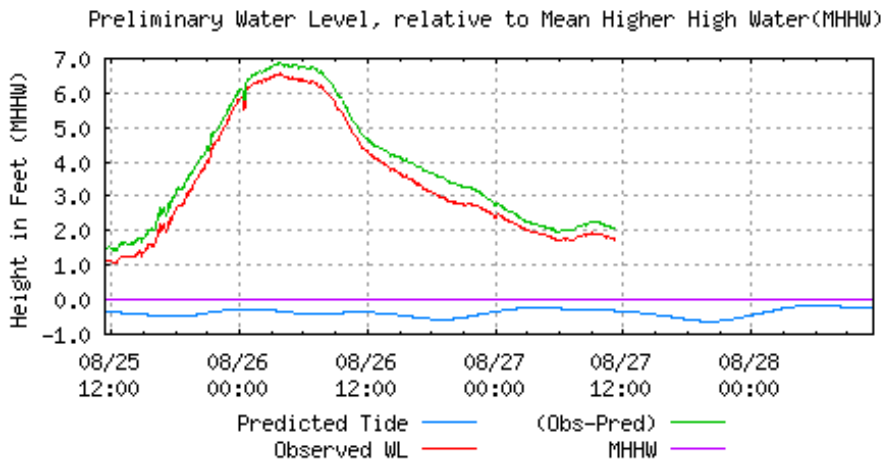
NOAA/NOS/CO-OPS 8773701 Port O'Connor, TX



Last Observed Sample: 08/27/2017 11:12 (CDT)

Wind Speed: 19 knots Gusts: 27 knots Direction: 202° T

NOAA/NOS/CO-OPS 8773259 Port Lavaca, TX



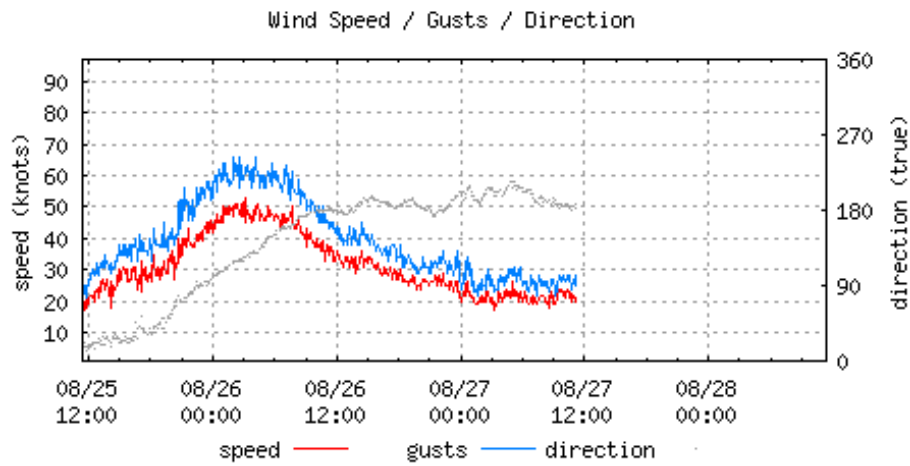
Last Observed Sample: 08/27/2017 11:12 (CDT). Data relative to MHHW

Observed: 1.75 ft. Predicted: -0.32 ft. Residual: 2.07 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 05:54 (CDT), -0.16 ft.

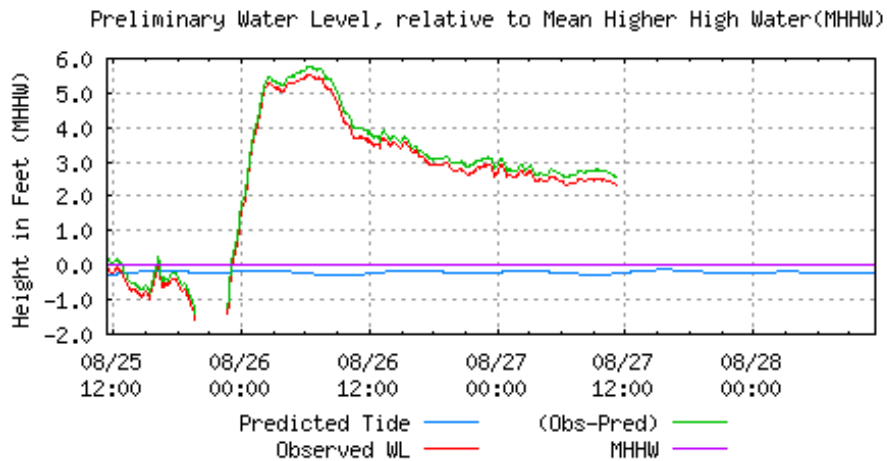
NOAA/NOS/CO-OPS 8773259 Port Lavaca, TX



Last Observed Sample: 08/27/2017 11:12 (CDT)

Wind Speed: 20 knots Gusts: 28 knots Direction: 187° T

NOAA/NOS/CO-OPS 8773037 Seadrift, TX



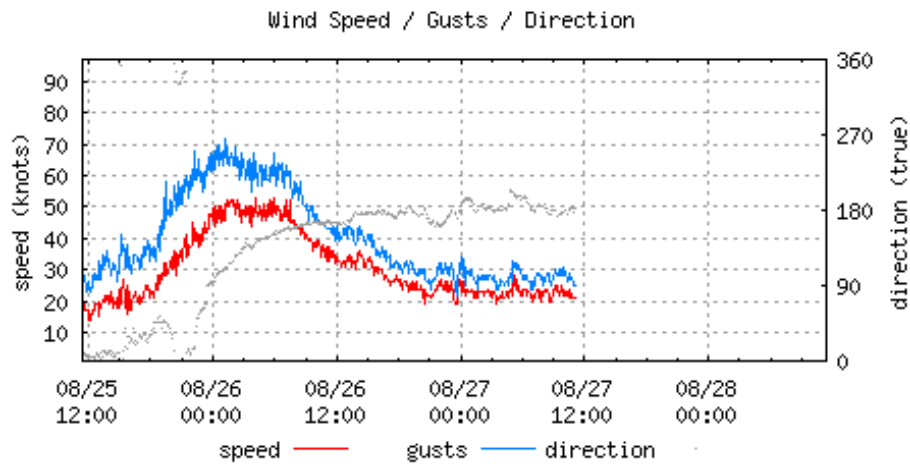
Last Observed Sample: 08/27/2017 11:18 (CDT). Data relative to MHHW

Observed: 2.29 ft. Predicted: -0.23 ft. Residual: 2.52 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/27/2017 15:36 (CDT), -0.13 ft.

NOAA/NOS/CO-OPS 8773037 Seadrift, TX

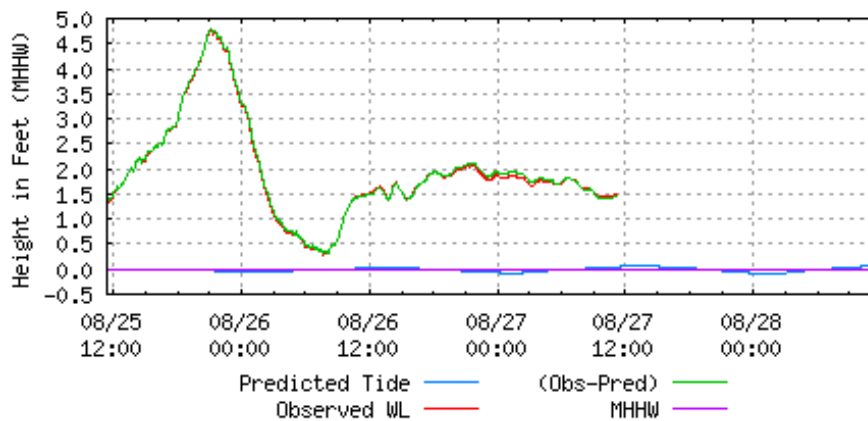


Last Observed Sample: 08/27/2017 11:18 (CDT)

Wind Speed: 21 knots Gusts: 24 knots Direction: 181° T

NOAA/NOS/CO-OPS 8774230 Aransas Wildlife Refuge, TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



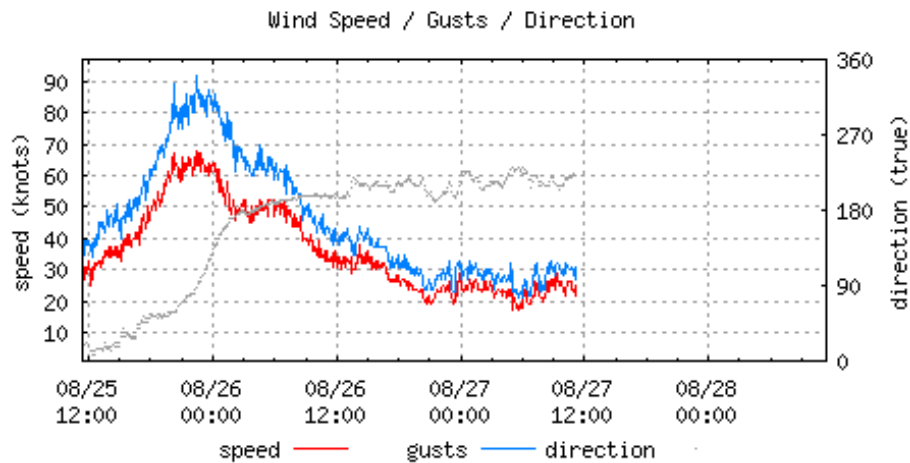
Last Observed Sample: 08/27/2017 11:12 (CDT). Data relative to MHHW

Observed: 1.50 ft. Predicted: 0.05 ft. Residual: 1.45 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/27/2017 13:03 (CDT), 0.06 ft.

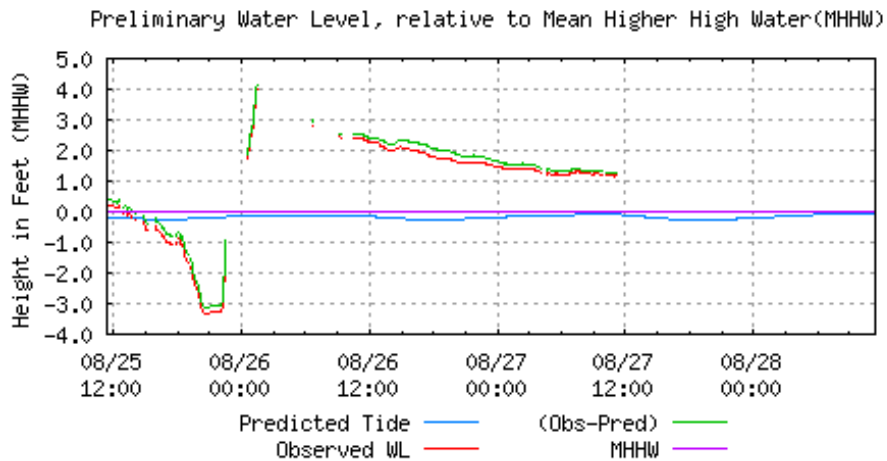
NOAA/NOS/CO-OPS 8774230 Aransas Wildlife Refuge, TX



Last Observed Sample: 08/27/2017 11:12 (CDT)

Wind Speed: 25 knots Gusts: 31 knots Direction: 221° T

NOAA/NOS/CO-OPS 8774513 Copano Bay, TX



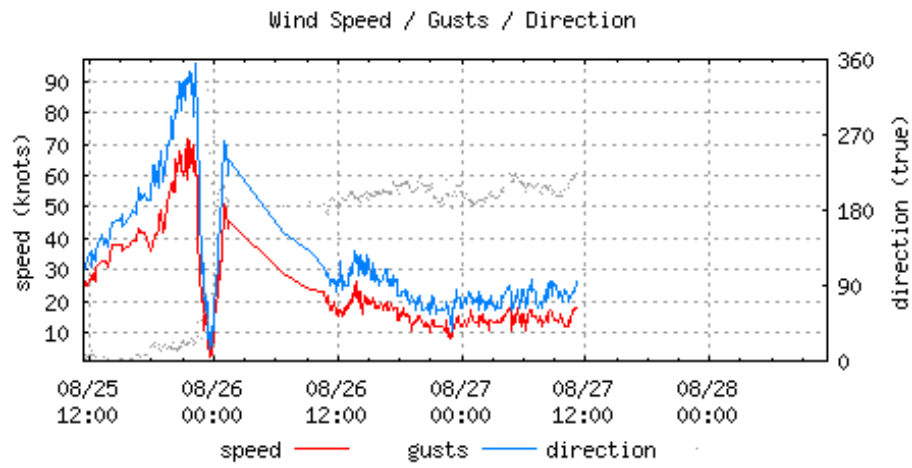
Last Observed Sample: 08/27/2017 11:06 (CDT). Data relative to MHHW

Observed: 1.17 ft. Predicted: -0.09 ft. Residual: 1.26 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/28/2017 10:06 (CDT), -0.05 ft.

NOAA/NOS/CO-OPS 8774513 Copano Bay, TX



Last Observed Sample: 08/27/2017 11:06 (CDT)

Wind Speed: 18 knots Gusts: 26 knots Direction: 224° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8770777	Manchester, TX	08/27/2017 11:18 (CDT)	8.34 ft	-0.59 ft	8.93 ft	8.55 ft
8770733	Lynchburg Landing, TX	08/27/2017 11:18 (CDT)	4.65 ft	-0.34 ft	4.99 ft	4.98 ft
8770971	Rollover Pass, TX	08/27/2017 11:18 (CDT)	2.59 ft	-0.30 ft	2.89 ft	2.99 ft
8771013	Eagle Point, TX	08/27/2017 11:12 (CDT)	3.21 ft	-0.12 ft	3.33 ft	3.42 ft
8771341	Galveston Bay Entrance, North Jetty, TX	08/27/2017 11:12 (CDT)	1.01 ft	-0.69 ft	1.70 ft	2.10 ft
8770822	Texas Point, Sabine Pass, TX	08/27/2017 11:18 (CDT)	0.59 ft	-0.86 ft	1.45 ft	2.19 ft
8770520	Rainbow Bridge, TX	08/27/2017 11:18 (CDT)	1.80 ft	-0.31 ft	2.11 ft	2.03 ft
8768094	Calcasieu Pass, LA	08/27/2017 11:18 (CDT)	0.14 ft	-0.77 ft	0.91 ft	2.00 ft
8771972	San Luis Pass, TX	08/27/2017 11:24 (CDT)	1.51 ft	-0.37 ft	1.88 ft	2.26 ft
8772447	Freeport, TX	08/27/2017 11:18 (CDT)	0.58 ft	-0.93 ft	1.51 ft	1.48 ft
8772985	Sargent, TX	08/27/2017 11:18 (CDT)	1.85 ft	-0.23 ft	2.08 ft	2.18 ft
8773146	Matagorda City, TX	08/27/2017 11:12 (CDT)	2.04 ft	-0.17 ft	2.21 ft	2.98 ft
8773701	Port O'Connor, TX	08/27/2017 11:12 (CDT)	1.25 ft	-0.22 ft	1.47 ft	2.60 ft
8773259	Port Lavaca, TX	08/27/2017 11:12 (CDT)	1.75 ft	-0.32 ft	2.07 ft	4.57 ft
8773037	Seadrift, TX	08/27/2017 11:18 (CDT)	2.29 ft	-0.23 ft	2.52 ft	3.73 ft
8774230	Aransas Wildlife Refuge, TX	08/27/2017 11:12 (CDT)	1.50 ft	0.05 ft	1.45 ft	2.05 ft
8774513	Copano Bay, TX	08/27/2017 11:06 (CDT)	1.17 ft	-0.09 ft	1.26 ft	2.83 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
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